

## Release Notes

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1162	October 2021
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** October 27, 2021

**Reference:** 17860

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	Yes

### Summary:

- The firmware has been upgraded support LCD displays on new units.
- This firmware is backward compatible and supports LCD on existing units.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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Firmware	1.1.1162	October 2021
Software	–	–
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**RN Date:** October 27, 2021

**Reference:** 17860

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
2979	Serial control username and password limitation.
3161	EDID cannot be copied from a non-routed output.
6229	No echoing in TCP and UDP for actions performed using the front panel
14653	The device closes TCP port after approximately 25 min of standby.
16749	HDCP enable/disable on HDMI inputs from the web does not echo through Protocol 3000.
16830	RS-232 enable/disable to HDBT from the web page does not echo through Protocol 3000.
17152	Occasionally on some systems the #SIGNAL? API command returns the incorrect count.

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
9900	Echoing when commands are sent to the device in remote routing via HDBT mode.

### Preceding Version:

1.1.1160

I/O FW: VS-88DT\_IO(v09)



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1160 I/O FW: VS-88DT_IO(v09)	November 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 11, 2019

**Reference:** 15256

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	Yes

### Technical Notes:

- Fixed bugs.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1160 I/O FW: VS-88DT_IO(v09)	November 2019
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 11, 2019

**Reference:** 15256

The following changes were made in this version:

### Bugs Fixed:

QC ID	Fixed Bug Description
	Compatibility issue when using embedded web pages with Chrome browser.
	Issue with #ROUTE Protocol 3000 command.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
2979	Serial control username and password limitation.
3161	EDID cannot be copied from a non-routed output.
6229	No echoing in TCP and UDP for actions performed using the front panel
14653	The device closes TCP port after approximately 25 min of standby.
16749	HDCP enable/disable on HDMI inputs from the web does not echo through Protocol 3000.
16830	RS-232 enable/disable to HDBT from the web page does not echo through Protocol 3000.

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
9900	Echoing when commands are sent to the device in remote routing via HDBT mode.

**Preceding Version:** FW: 1.1.1158. I/O FW: VS-88DT\_IO(v09)



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1158 I/O FW: VS-88DT_IO(v09)	November 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 20, 2018

**Reference:** 14032

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	Yes

### Technical Notes:

- Added Protocol 3000 command.
- New feature, modification and fixed bugs.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1158 <b>I/O FW:</b> VS-88DT_IO(v09)	November 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** November 20, 2018

**Reference:** 14032

The following changes were made in this version:

### New Features:

	New Feature Description
	The unit supports up to 4 TCP connections. Now, when a 5 <sup>th</sup> TCP connection is made to the unit, the first TCP connection drops to enable the new connection to be made.

### Modifications:

QC ID	Modification Description
	Added support for 14-digit serial number for Protocol 3000 SN command. If a serial number is longer than 14 digits, an error message appears.

### Bugs Fixed:

QC ID	Fixed Bug Description
	When there is no output the system now reads the default EDID.
	Changing Static IP address to DHCP no longer requires matrix reset.
	Fixed bug in Protocol 3000 ROUTE command.
	Fixed wrong EDID resolution on webpage.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
2979	Serial control username and password limitation.
3161	EDID cannot be copied from a non-routed output.
6229	No echoing in TCP and UDP for actions performed using the front panel



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QC ID	Deferred Bug Description
14653	The device closes TCP port after approximately 25 min of standby.

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
9900	Echoing when commands are sent to the device in remote routing via HDBT mode.

### Preceding Version:

FW: 1.1.1153

I/O FW: VS-88DT\_IO(v09)



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**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1153 I/O FW: VS-88DT_IO(v09)	March 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** March 2018

**Reference:** 13326

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	N/A

### Technical Notes:

- Added auto color space transfer support.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1153 I/O FW: VS-88DT_IO(v09)	March 2018
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** March 2018

**Reference:** 13326

The following changes were made in this version:

### Modifications:

QC ID	Modification Description
	Added support for auto color space transfer when input is YUV and output is RGB format.

### Bugs to Fix in Future Versions:

QC ID	Deferred Bug Description
2979	Serial control username and password limitation.
3161	EDID cannot be copied from a non-routed output.
6229	No echoing in TCP and UDP for actions performed using the front panel

### Known Limitations (including compatibility limitations):

QC ID	Limitation Description
9900	Echoing when commands are sent to the device in remote routing via HDBT mode.

**Preceding Version:** F – 1.1.1152



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	V1.1.1152	July 2017
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** July 2017

**Reference:** 11540

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	N/A

### Technical Notes:

- Various bugs were fixed.
- Added IR routing and handshake command feature.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	V1.1.1152	July 2017
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** July 2017

**Reference:** 11540

The following changes were made in this version:

### New Features:

	New Feature Description
	Added IR routing in webpage and P3000 command
	Added handshake command #

### Bugs Fixed:

QC ID	Fixed Bug Description
6768	Switching command is no longer performed when command is sent via HDBT (from TP-580R)
8554	Configuration containing a name with brackets now supported
8616	Baud rates other than 115200 supported
9662	Unit no longer adds extra text when sending commands via RS-232 routing (remote routing via HDBT)
9908	Sending the IR route command with illegal parameter returns an error indication
9909	Special characters now display correctly as input/output name
10351	Resetting factory default now changes IR routing back to default
10352	After power up, the Remote Routing check box remains checked
10354	IR IN now works after power up
	No longer enters security mode when accessing webpage

**Preceding Version:** F 1.1.1146



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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1146	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016

**Reference:** 9723

### Kramer Product Affected:

Product Name	Minimum FW Version for Upgrade	Recommended for All Units	Only if Added Features are Required
VS-88DT	Any	Yes	N/A

### Technical Notes:

- Various commands were added and various bugs were fixed.

### Codependency with Other Products and Software:

- There is no codependency with other products or software.
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## Release Notes History

**Product Name:** VS-88DT

**Current Version:**

Type	Number	Date
Firmware	1.1.1146	August 2016
Software	–	–
Web	–	–
Hardware	–	–

**RN Date:** August 2016

**Reference:** 9723

The following changes were made in this version:

### New Features:

	Description
	RS-232 echoing was added
	RS-232 data routing command was added
	Command chaining was added
	“OK” added to VID command

### Bugs Fixed:

QC ID	Description
6381	Routing command with more than 4 routes got stuck

QC ID	Description
1732, 2614	Button illumination issues
1740, 2907	EDID Webpage issues
1750	Color depth of 48bits per pixel is not supported
1756	When a single monitor is connected to an output, auto-detection for HDMI output is not performed
1757	When a single monitor is connected to an output configured as HDBT, if the active output is HDMI, the EDID file cannot be read
1808	FW upgrade process is not standard
2792	NET-MASK and NET-GATE commands report DHCP change to OFF and IP successful configuration.
2979	Serial control username and password limitation
3161	EDID cannot be copied from a non-routed output
6229	No echoing in TCP and UDP for actions performed using the front panel



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QC ID	Description
6768	Switching command is performed on the VS-88DT when command is sent via HDBT (from TP-580R)
7707	Unexpected RS-232 response when running protocol commands
8554	"File name error" encountered when uploading a configuration containing a name with brackets
8616	Sending an RS-232 command in a baud rate other than 115200 causes resets the device

### Known Limitations (including compatibility limitations):

QC ID	Description
1750	Deep Color 48-bits per pixel is not supported
1808	FW upgrade should be supported in standard Kramer's way
2614	STO and RCL buttons do not illuminate as they are used

**Preceding Version:** F – 1.1.1140 (Main Microcontroller)

**Product Name:** VS-88DT

**Preceding Version:** F – 1.1.1140 (Main Microcontroller)

**Version Date:** October 2015

**Reference:** 9024

The following changes were made in this version:

### Added Features:

- RS-232 echoing was added.

### Fixes:

- Sometimes video was missing from one of the output ports.
- IR did not work in both directions.

### Known Issues:

- For setting serial control Username and Password, only capital letters and numbers can be used.
- EDID can be copied only from the output that is routed to the selected input.
- If an operation is performed on the front panel before a command is sent through the UDP connection there is no echoing on UDP channel.



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## Release Notes History

- When sending a few sequential commands without intervals, the unit sometimes doesn't send replies to all commands. When each sent command is separated by an interval, it works properly.

**Preceding Version:** NP – 1.0

**Product Name:** VS-88DT

**Current Version:** NP – 1.0

**Version Date:** July 2014

**Reference:** 9995

This is a release note for a new product.

### Known Issues:

- For setting serial control Username and Password, only capital letters and numbers can be used.

**Preceding Version:** N/A



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